



Mutually Agreed Norms for Routing Security (MANRS) is a global initiative, supported by the Internet Society, that provides crucial fixes to reduce the most common routing threats.

MANRS outlines four simple but concrete actions that network operators should take:

- **Filtering** – Ensure the correctness of your own announcements and of announcements from your customers to adjacent networks with prefix and AS-path granularity
- **Anti-spoofing** – Enable source address validation for at least single-homed stub customer networks, your own end-users, and infrastructure
- **Coordination** – Maintain globally accessible up-to-date contact information
- **Global Validation** – Publish your data, so others can validate routing information on a global scale.

MANRS requires collaboration among participants and shared responsibility for the global Internet routing system. Joining MANRS means joining a community of security-minded organizations committed to making the global routing infrastructure more robust and secure. Two case studies further outline the benefits of MANRS participation:

- [Better MANRS for Service Providers](#)
- [Improved MANRS for Enterprises](#)

CEN officially joined MANRS on October 9, 2018

<https://www.manrs.org/isps/participants/entry/375/>

<https://www.ct.gov/cen/site/default.asp>

<https://www.manrs.org/>